



Totolink A7000R cste CGI.cgi setUpgradeFW command injection

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2026-1623
State	PUBLISHED
Assigner	VulDB
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-01-29 21:15:53 UTC
Updated	2026-04-29 01:00:01 UTC
Description	A weakness has been identified in Totolink A7000R 4.1cu.4154. Impacted is the function setUpgradeFW of the file /cgi-bin/

Risk And Classification

Primary CVSS: v4.0 2.1 LOW from cna@vuldb.com

CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Problem Types: CWE-74 | CWE-77 | CWE-77 Command Injection | CWE-74 Injection

Version	Source	Type	Score	Severity	Vector
4.0	cna@vuldb.com	Secondary	2.1	LOW	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P/C...
4.0	CNA	DECLARED	5.3	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P
3.1	cna@vuldb.com	Secondary	6.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L
3.1	CNA	DECLARED	6.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L/E:P/RL:X/RC:R
3.0	CNA	DECLARED	6.3	MEDIUM	CVSS:3.0/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L/E:P/RL:X/RC:R
2.0	cna@vuldb.com	Secondary	6.5		AV:N/AC:L/Au:S/C:P/I:P/A:P
2.0	CNA	DECLARED	6.5		AV:N/AC:L/Au:S/C:P/I:P/A:P/E:POC/RL:ND/RC:UR

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

None

Confidentiality

Low

Integrity

Low

Availability

Low

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MS:C:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

Low

CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

Low

CVSS:3.0/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L/E:P/RL:X/RC:R

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Totolink	A7000r	-	All	All	All
Operating System	Totolink	A7000r Firmware	4.1cu.4154	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Totolink	A7000R	affected 4.1cu.4154	Not specified

References

Reference	Source	Link	Tags
github.com/xyh4ck/iot_poc/blob/main/TOTOLINK/A7000R/04_RCE_setUpgradeFW_...	cna@vuldb.com	github.com	Exploit, Third Party Ad
vuldb.com	cna@vuldb.com	vuldb.com	Permissions R
www.totolink.net	cna@vuldb.com	www.totolink.net	Product
github.com/xyh4ck/iot_poc/blob/main/TOTOLINK/A7000R/04_RCE_setUpgradeFW_...	cna@vuldb.com	github.com	Exploit
vuldb.com	cna@vuldb.com	vuldb.com	Third Party Ad
vuldb.com	cna@vuldb.com	vuldb.com	Third Party Ad
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, ana

Vendor Comments And Credit

Discovery Credit

CNA: xuanyu (VulDB User) (en)

Additional Advisory Data

Source	Time	Event
CNA	2026-01-29T00:00:00.000Z	Advisory disclosed
CNA	2026-01-29T01:00:00.000Z	VulDB entry created
CNA	2026-01-30T05:07:04.000Z	VulDB entry last update

There are currently no legacy QID mappings associated with this CVE.

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